

Table S6. Kruskal-Wallis test of differences in parasite fluorescence intensities in *A. stephensi* (As), *A. gambiae* (Ag) and *A. gambiae* silenced for *TEP1* (*Ag^{TEP1KD}*) between the indicated time points after infection (hpi).

Ookinete fluorescence intensity				Kruskal Wallis test
	18-20 hpi	21-23 hpi	24-25 hpi	P value
As				
blood meal	>24-25 hpi <21-23 hpi	>18-20 hpi >24-25 hpi	<18-20 hpi <21-23 hpi	
cell layer	>24-25 hpi	ns	<18-20 hpi	0.01
basal lamina	>24-25 hpi	ns	<18-20 hpi	0.037
Ag				
blood meal	<21-23 hpi < 24-25 hpi	>18-20 hpi	>18-20 hpi	1.29E-08
cell layer	<21-23 hpi	>18-20 hpi	ns	0.045
basal lamina	ns	ns	ns	0.1171
Ag^{TEP1KD}				
blood meal	ns	ns	ns	0.313
cell layer	ns	>24-25 hpi	<21-23 hpi	0.008
basal lamina	ns	ns	ns	0.648